of dependent processes near the symphysis, which suggest processes occupying a corresponding position in *Dinoceras.* The skill and body are heavy, but the two-toed limbs are slender. There Is a smaller pair of toes behind these. The dentition is complete, and the canines are not inordinately developed. The brain is very diminutive. Perhaps *JS. uintense* should be separated as a distinct genus, *Protelotherium}*

*Ifyotherium* (which is regarded as identical with *Palaeochoerus")* has a sharp sagittal crest; the orbit is nearly but not quite closed. The canines are not strongly developed. The upper canines have double fangs as in *Triconodon* among extinct mammals, and as in the Hedgehog and other forms among living Mammalia. The premolars have the cutting and serrated edge of those of some other Pigs, a feature which gives them a curious resemblance to the " grinding " teeth of Seals. The molars are tuberculate, and like those of living Pigs, It is European, and Indian in range, and Miocene.

The genus *Choeroyotamus* has a complete dental formula save for the loss of a premoiar in the lower jaw. Though it has lost this tooth, it is from an older stratum than some of those forms which have retained that premoiar ; it has been found in the Upper Eocene of the Isle of Wight and of the neighbourhood of Paris.

The American and Miocene *Chaenohyus* has lost the corresponding teeth of the upper jaw.

*Jlomacodon*[2] is a genus consisting of several species, which has a btmodont and complete dentition. The molars are sextubercular in the upper jaw. *S. vagans* "was of about the size of a [Rabbit, and it appears to have had a curved neck. The limbs had five digits, as is so generally the case with Eocene Ungulates- It is known from the Middle Eocene of Wyoming.

## GBOUF II.—MUMIWASTTIA.

The Selenodontia **or Huminantia form the second division of** existing Artiodactylea **The characters of the teeth, which give** them- their name, **have already been referred to.**

**They also** differ In that there are never **more than a single pair of incisors**

* **Osbonv *&OL Amer,* *Mw&.* *Nat. JEKst.* vii. 189S, p.^102. . *Jfaurn. Sci.* xfriii» 1894y jpu 262.***